

# PRODUCT CODE GENERATOR, SURFACE MOUNT CAPACITORS 16V - 6kV

## Ordering information for Surface Mount Chip Capacitors

Example: .....0805 J 100 0101 J C T □□□

Type No/Size ref

### Termination

- J = Silver Termination base with Ni Barrier (100% matte tin plating finish).
- Y = FlexiCap™ Termination base with Ni Barrier (100% matte tin plating finish).
- A = Silver Termination base with Ni Barrier (Tin / Lead plating finish with min 10% Lead).
- H = FlexiCap™ Termination base with Ni Barrier (Tin / Lead plating finish with min 10% Lead).
- F = Silver / Palladium termination.

### Voltage d.c.

016 = 16 Volts	1K0 = 1kV
025 = 25 Volts	2K0 = 2kV
050 = 50 Volts	3K0 = 3kV
063 = 63 Volts	4K0 = 4kV
100 = 100 Volts	5K0 = 5kV
200 = 200 Volts	6K0 = 6kV
250 = 250 Volts	
500 = 500 Volts	
630 = 630 Volts	

### Capacitance (pF)

- First digit - 0
- Second digit - First significant figure of capacitance value
- Third digit - Second significant figure of capacitance value
- Fourth digit - Number of zeros following. eg. 0102 = 1000pF.

For values that do not fit the model above, insert the capacitance code letter for the decimal point  
e.g. 8P20 = 8.2pF  
13N6 = 13.6nF

### Suffix Code

The remaining alpha/numeric digits are used to denote variations from standard products to customer special requirements (electrical, packing, mechanical, environmental, coding etc.)

### Taped and Reeled Chips (see applicable individual catalogue page for quantities)

- T = 178mm (7" reel)
- R = 330mm (13" reel)
- B = Bulk pack - tubs

### Dielectric code

Class	Code	Classes		
		CECC	EIA	MIL
Ultra stable	C	1B/CG	COG(NP0)	CG/(BP)
Stable	X	2R1	X7R	
Ultra High Frequency	Q			
<b>To special order</b>				
Stable	B	2X1		BX
Stable	R	2C1		BZ

### Capacitance Tolerance Code

Cr < 10pF	Ultra stable class			Stable class		
	± 0.10 pF	± 0.25 pF	± 0.5 pF	B ± 5%	C ± 10%	D ± 20%
Cr > 10pF	± 1%			F		
	± 2%			G		
	± 5%			J		
	± 10%			K		